

carrier signals includes modulating an information signal onto the carrier signals.

93. A spread-spectrum signal generator comprising a multicarrier generator (14n) capable of generating a plurality of electromagnetic carrier signals having a plurality of frequencies, the improvement comprising:

a delay controller (16n) capable of applying a plurality of incremental phase offsets to the carrier signals for providing the carrier signals with a predetermined phase space at a predetermined time interval,

a gain controller (18n) capable of providing a predetermined gain profile to the carrier signals, and

a combiner (20) capable of combining the modulated, phased carriers to produce a spread spectrum signal from at least one superposition of the carrier signals.

94. The spread-spectrum signal generator claimed in Claim 93 wherein the delay controller (16n) and the gain controller (18n) provide phase offsets and a gain profile, respectively, that provides the superposition of the carrier signals with a direct-sequence spread-spectrum signal.

REMARKS

Newly presented claims 44-94 contain 51 total claims, of which 7 claims are independent claims. Newly presented claim 44 is based upon cancelled claim 1, which is believed to address issues raised in the International Preliminary Examination Report.

Respectfully submitted,

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